

GRANT SUMMARY

Completed Grant Summaries are made available to the public on the State Water Resources Control Board's (SWRCB) website at <http://www.waterboards.ca.gov/funding/grantinfo.html>

Use the tab and arrow keys to move through the form. If field is not applicable, please put N/A in field.

Date filled out: December 7, 2006

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| Grant Information: Please use complete phrases/sentences. Fields will expand as you type. | |
| 1. Grant Agreement Number: 06-113-555-0 | |
| 2. Project Title: Developing Best Management Practices (BMPs) for Applying Dairy Lagoon Water to Forage Crops in Stanislaus County | |
| 3. Project Purpose - Problem Being Addressed: Developing BMPs for applying dairy lagoon water to forage crops to minimize nitrogen leaching to groundwater and to optimize crop nitrogen use efficiency. | |
| 4. Project Goals | |
| a. Short-term Goals: 1. Determine mineralization rates for organic N from dairy lagoon water; 2. Investigate hydrologic responses to irrigation and the fate of applied N; and 3. Integrate rates into nitrate leaching model to determine nitrogen use efficiency (NUEs) of organic N in dairy lagoon water and to better quantify the fate of applied nitrogen. | |
| b. Long-term Goals: 1. Develop Best Management Practices (BMPs) to better manage organic N and to better leverage dairy infrastructure improvements for nutrient management; and 2. Conduct outreach to provide information on BMPs both locally and regionally. | |
| 5. Project Location: (lat/longs, watershed, etc.) San Joaquin River Watershed | |
| a. Physical Size of Project: (miles, acres, sq. ft., etc.) Project to be implemented on six fields of varying sizes (approximately from 4 to 20 acres) | |
| b. Counties Included in the Project: Stanislaus | |
| c. Legislative Districts: (Assembly and Senate) Assembly: 25, 26, 17; Senate: 12, 14 | |
| 6. Which SWRCB program is funding this grant? Please "X" box that applies. | |
| <input type="checkbox"/> Prop 13 <input type="checkbox"/> Prop 40 <input checked="" type="checkbox"/> Prop 50 <input type="checkbox"/> EPA 319(h) <input type="checkbox"/> Other | |
| Grant Contact: Refers to Grant Project Director. | |
| Name: Lisa Alamo | Job Title: Executive Director |
| Organization: East Stanislaus Resource Conservation District | Webpage Address: N/A |
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| Grant Time Frame: Refers to the implementation period of the grant. | |
| From: July 1, 2006 | To: March 1, 2009 |
| Project Partner Information: Name all agencies/groups involved with project. Bachand & Associates; University of California, Cooperative Extension; University of California, Davis | |

Nutrient and Sediment Load Reduction Projection: (If applicable) The fate of applied organic N will be better understood. This information will be useful in developing BMPs. Nutrient load reductions for different field managements will be estimated using nitrogen leaching model.

Please provide a hard copy to your Grant Manager and an electronic copy to your Program Analyst for SWRCB website posting. All applicable fields are mandatory. Incomplete forms will be returned.